

ABSTRACT

An apparatus for reducing start-up time uses an auxiliary light source and method for the same are proposed. The auxiliary light source has relatively short start-up time to compensate a cold cathode fluorescent lamp (CCFL) with
5 long start-up time. The auxiliary light source is a light emitting device and simultaneously turned on with the CCFL. The light-emitting device is turned off when the output light of the CCFL is stable. Therefore, the light-emitting device with the CCFL can provide stable light source for scanner.